

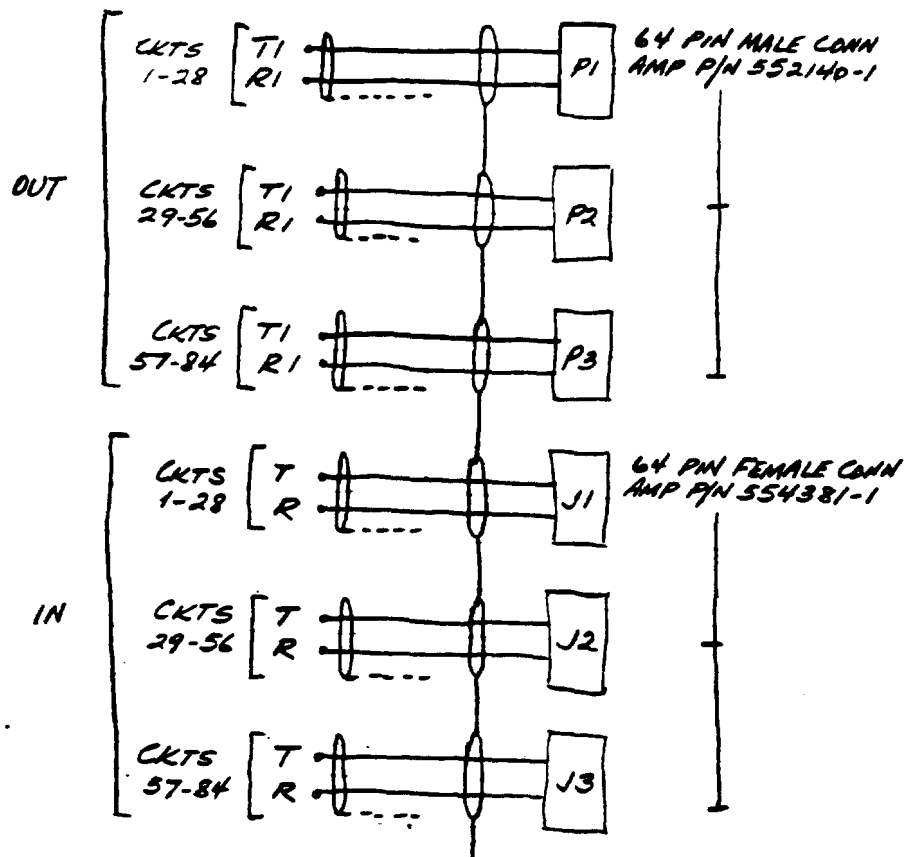
EXHIBIT 3.A.3.23-1

TRANSMIT		LEAD DESIG	PIN	CONN	RECEIVE		LEAD DESIG	PIN	CONN
CKT 1	OUT	TI	33	P1	CKT 1	IN	T	33	J1
		RI	1				R	1	
CKT 2	OUT	TI	34		CKT 2	IN	T	34	
		RI	2				R	2	
⋮	⋮				⋮	⋮			
CKT 28	OUT	TI	60		CKT 28	IN	T	60	
		RI	28				R	28	
<hr/>									
CKT 29	OUT	TI	33	P2	CKT 29	IN	T	33	J2
		RI	1				R	1	
CKT 30	OUT	TI	34		CKT 30	IN	T	34	
		RI	2				R	2	
⋮	⋮				⋮	⋮			
CKT 56	OUT	TI	60		CKT 56	IN	T	60	
		RI	28				R	28	
<hr/>									
CKT 57	OUT	TI	33	P3	CKT 57	IN	T	33	J3
		RI	1				R	1	
CKT 58	OUT	TI	34		CKT 58	IN	T	34	
		RI	2				R	2	
⋮	⋮				⋮	⋮			
CKT 84	OUT	TI	60		CKT 84	IN	T	60	
		RI	28				R	28	

PIN OUT CONNECTION TABLE
FOR DSX-1 ASSEMBLIES

EXHIBIT 3.A.3.23-2

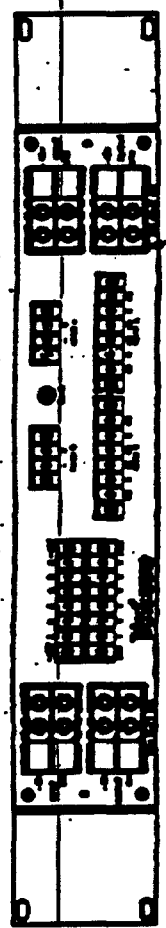
INTERCONNECTOR PROVIDED
POINT OF TERMINATION BAY
DSX-1 CROSS-CONNECT PANEL
CONNECTORIZED CABLING DIAGRAM



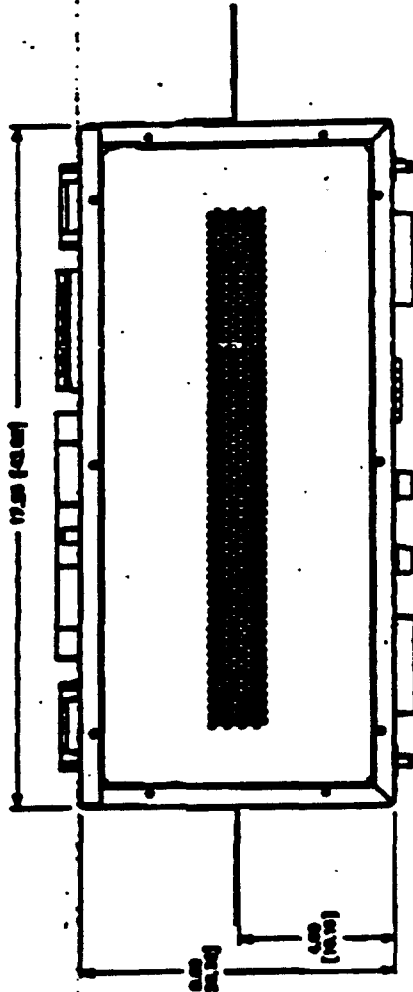
DSX-1 I/O INTERCONNECTION

NOTES:

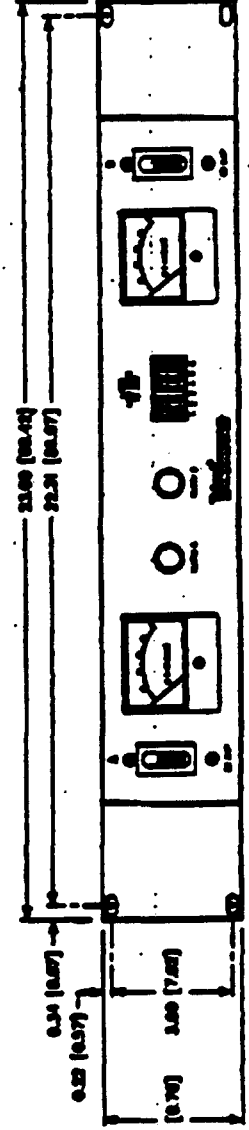
1. POWER FROM 24V BATT.
2. POWER 15A BATT. GRT TYPE.
3. ALARM-RELAY CONNECTS-24 VOLT.
4. FIELD IN CONNECTION ACCEPTS A & B AND TIME WITH A 3 WIRE LINE CONNECTIONS CONNECTION (5) (200 INCHES)
5. BACK MOUNTED TERMINAL BLOCKS WITH PLASTIC SHIELD ON TERMINAL COVER.
6. 10-32 ONE TERMINAL INSULATING SCREWS (50%) ARE EXTERNAL TERMINAL.
7. 10-32 ONE TERMINAL INSULATING SCREWS (50%) ARE EXTERNAL TERMINAL.
8. 10-32 ONE TERMINAL INSULATING SCREWS (50%) ARE EXTERNAL TERMINAL.
9. DIMENSIONS ARE IN INCHES (CONVERTING)



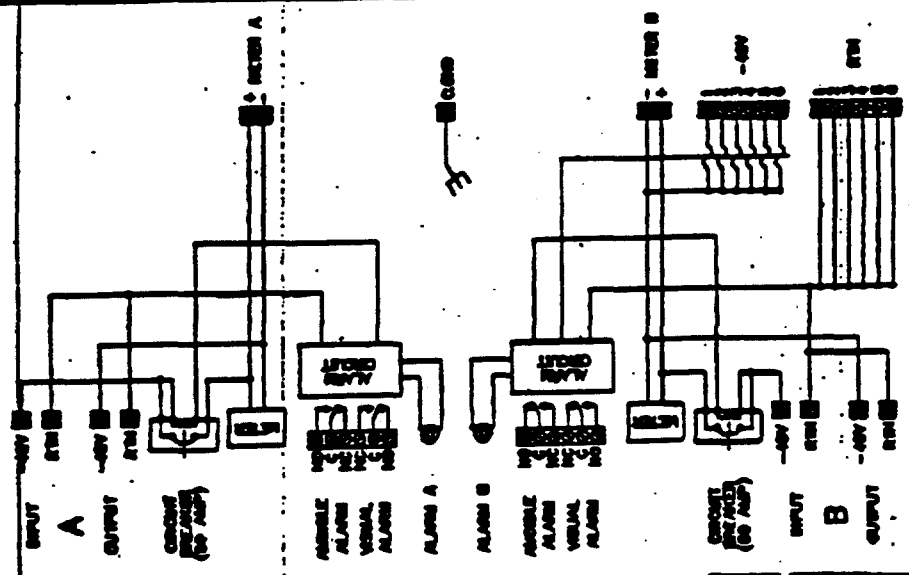
REAR VIEW
(ROTATED)



TOP VIEW



FRONT VIEW



REFERENCE SCHEMATIC

CONNECTIONS ARE FOR REFERENCE ONLY

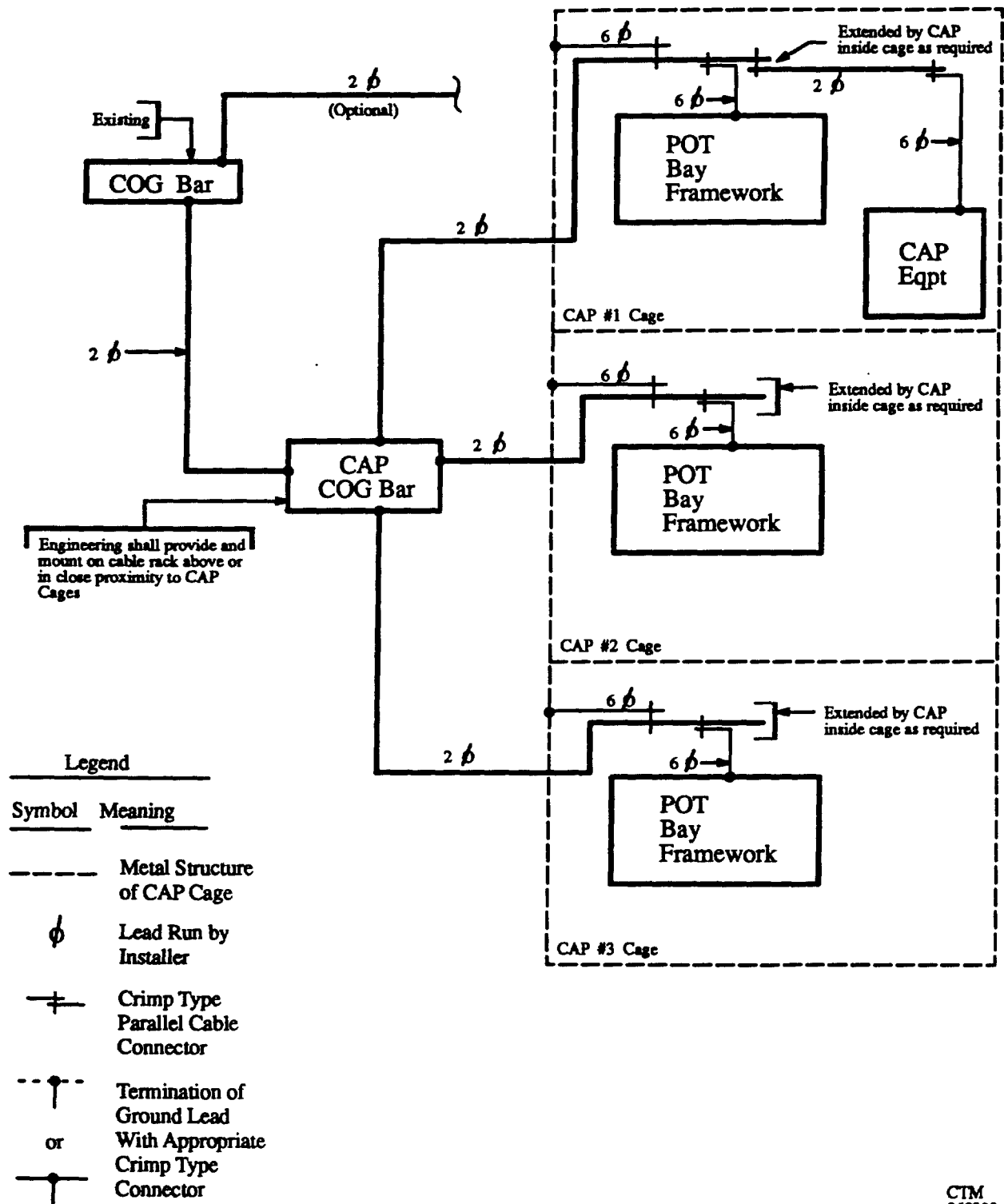
APPROVED	DATE	REVISION	DESCRIPTION
Y. L. L. (04/1994)	04/1994	1	INITIAL RELEASE
Y. L. L. (04/1994)	04/1994	2	INITIAL RELEASE
Y. L. L. (04/1994)	04/1994	3	INITIAL RELEASE
Y. L. L. (04/1994)	04/1994	4	INITIAL RELEASE
Y. L. L. (04/1994)	04/1994	5	INITIAL RELEASE
Y. L. L. (04/1994)	04/1994	6	INITIAL RELEASE
Y. L. L. (04/1994)	04/1994	7	INITIAL RELEASE
Y. L. L. (04/1994)	04/1994	8	INITIAL RELEASE
Y. L. L. (04/1994)	04/1994	9	INITIAL RELEASE
Y. L. L. (04/1994)	04/1994	10	INITIAL RELEASE

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EXHIBIT 3.C.1.9-1

SECONDARY DISTRIBUTION CIRCUIT BREAKER PANEL

EXHIBIT 3.C.1.11-1
CAP GROUNDING ARRANGEMENT



SECTION 4

SERVICE PROVISIONING

A. SERVICE ORDER PROCESS

B. CENTRAL OFFICE INSTALLATION

SECTION 4.A
SERVICE ORDER PROCESS

4.A SERVICE ORDER PROCESS

4.A.1 Following is an overview of how the interconnector will order Expanded Interconnection (collocation):

1. Upon request, Regional Sales will mail a copy of the technical publication along with an application form to a potential interconnector. Any additional questions the potential interconnector may have should be referred to its collocation coordinator as follows:

INTERCONNECTOR	COORDINATOR
IXC (AT&T, Sprint, MCI, etc.)	Existing Account Team
CAPs	Acct Mgr-Regional Sales (214-464-8330)
Large end users (IBM, state govt, etc.)	Existing Major Account Team
End users	Existing Sales Team

2. An interconnector interested in collocating in a SWBT central office will forward a completed application form (one per central office) along with a check for "Engineering Design Charges" (EDC), one per request to:

SWBT-ICSC
One Bell Plaza, Rm 2800
Dallas, TX 75202

3. The Dallas ICSC will note on the application the date and time received, then assign a case number to the application.
4. SWBT will design the collocation area where the interconnector will be located within SWBT's central office. Once the design is completed, SWBT will complete the form SW-2123, "Confirmation for Collocation" (see Exhibit 3.A.3.2-1, pages 5 and 6) and forward to the interconnector. "Confirmation for Collocation" will contain information such as where the interconnector will be located and total charges for collocating in the central office. The written quotation of applicable charges will be provided to the interconnector within 30 days following the initial receipt of the EDC and completed application forms.
5. Upon receipt of the completed "Confirmation for Collocation" form, the interconnector has 30 days to remit this form with a check for 50% of all nonrecurring charges. The interconnector will submit the "Confirmation for Collocation" form with a check to its appropriate ICSC.

4.A.2 SWBT will ensure that the information provided to the interconnector during the service order negotiation provides the data required to provision the interconnecting access orders. For physical collocation, the interconnector's Common Language Location Identification (CLLI) and the DSX appearance is required. For virtual collocation, the interconnector's CLLI and Connecting Facility Assignment (CFA) is required. The interconnector will be provided the CLLI during the establishment of their facilities and equipment.

4.A.3 When ordering the Interconnector Cross Connect element, the interconnector must provide the exact termination address information. This information will include floor, aisle, bay, panel and jack.

SECTION 4.B
CENTRAL OFFICE
INSTALLATION

4.B CENTRAL OFFICE INSTALLATION

4.B.1 GENERAL

4.B.1.1 The following paragraphs cover specific criteria that is relative to the providers of telecommunication services and/or interconnectors which reside in SWBT equipment buildings and facilities. All such providers and/or interconnectors will conform to those industry standards that are deemed necessary by SWBT, the Federal Government and the telecommunication industry as a whole.

4.B.1.2 SWBT must insure that other providers' equipment collocated in SWBT locations meets acceptable protection standards. These standards include, but are not limited to:

- Electrical Protection
- Physical Protection
- Performance Standards

These can be further broken down into fire, seismic, pollution and service protection.

4.B.1.3 The interconnector's equipment must meet the same criteria and protection standards as the equipment SWBT utilizes and installs in its own equipment buildings. The interconnector will be expected to conform to the same accepted procedures and standards utilized by SWBT and its contractors when installing any equipment.

4.B.1.4 The installation standards document utilized by SWBT and its contractors is Technical Publication TP76300. The Installation Guide and its revisions is the basis for engineering and installation work performed within SWBT equipment buildings. A current edition of TP76300 should be obtained by each interconnector having equipment located within SWBT buildings.

4.B.1.5 The following is an additional list of standards utilized and required by SWBT:

- American National Standards Institute (ANSI) fire resistance criteria, ANSI T1.307-1990: ignitability requirements for equipment assemblies and fire spread requirements for interconnection wire and cable distribution assemblers
- Network Equipment Building System (NEBS) Generic Equipment Requirements, TR-NWT-000063, Issue 4, July 1991
- ANSI American National Standard for Telecommunications, ANSI T1.313-1991: electrical protection for telecommunication central offices and similar type facilities
- National Electric Code
- Underwriter Laboratories, Inc.

4.B.2 PHYSICAL COLLOCATION

EARTHQUAKE ZONE BRACING

4.B.2.1 SWBT's territory consists of four (4) earthquake zones (0-3). SWBT will determine which seismic zone is applicable for an interconnector's equipment. Generally, two metallic anchors are required in the base of seven foot (7') frames and cabinets. Top supporting is not required unless the equipment manufacturers' specifications call for this arrangement. These specifications would normally be consulted to determine which earthquake bracing is required. This will depend on the seismic zone in which the equipment will be deployed. For detailed information on earthquake and office vibration, refer to Bellcore Network Equipment Building System (NEBS) Technical Reference Document TR-NWT-000063.

EQUIPMENT INSTALLATION

4.B.2.2 The Point of Termination (POT) or Network Interface (NI) will be at the SWBT cable termination side of the POT frame (see Exhibit 3.A.3.5-1).

4.B.2.3 The interconnector will be responsible for the following:

- all cross-connections on the POT frame
- installation of its own equipment

4.B.2.4 SWBT reserves the right to inspect the installation of all equipment in the interconnector's partitioned space. Once installation has been completed, a joint job installation/acceptance will be performed by the interconnector or its agent and SWBT. A report of any findings will be presented to the interconnector or its agent for correction. It will be at the discretion of the job evaluator if a follow-up inspection is necessary. The interconnector's equipment will not be placed in service until all findings have been corrected to the satisfaction of the person performing the inspection.

4.B.2.5 All DS1 and DS3 services will be installed and maintained in accordance with SWBT TP76625.

4.B.2.6 Unless there are circumstances beyond its control, SWBT will notify the interconnector that the partitioned space is ready for occupancy within 150 days after receipt of the interconnector's written acceptance of the quoted charges.

WORK STOPPAGES

4.B.2.7 In the event of a work stoppage, provisions will be made for the interconnector's vendors, agents and contractors to have access to the central office as usual. Entrances will be marked accordingly.

COLLOCATION AREA ACCESS

4.B.2.8 Where it is not possible to provide the interconnector with secure access to the collocation area, a SWBT security escort will be required.

4.B.2.9 When an interconnector requires access to a non-secure central office, its normal reporting bureau (e.g. Special Services Center, Customer Services Bureau, or Special Services Reporting Bureau) should be notified as much in advance as possible. The interconnector **MUST** provide the unique assigned CLLI code when calling for a security dispatch. The reporting bureau will contact the Switching Control Center (SCC) responsible for the particular central office, and the SCC will in turn contact the interconnector to arrange for a meet point and time. The interconnector will provide the SCC with a telephone number which is accessible 24 hours a day to be used as a contact point should the need arise.

4.B.2.10 The SWBT security escort will remain with the interconnector for the duration of the office visit.

4.B.2.11 Other access to the interconnector's partitioned space by SWBT will only be allowed with the permission of the interconnector. SWBT may access the partitioned space without notice for the purpose of averting any threat of harm inadvertently imposed upon the operation of SWBT's equipment, facilities and/or personnel by the interconnector or its equipment and facilities.

4.B.3 VIRTUAL COLLOCATION

4.B.3.1 Information regarding virtual collocation is under development and will be included at a later date.

SECTION 5

MAINTENANCE

- A. TROUBLE REPORTING**
- B. CENTRAL OFFICE REPAIR**
- C. SECURITY ESCORTS**

SECTION 5.A
TROUBLE REPORTING

5.A TROUBLE REPORTING

5.A.1 If the interconnector detects trouble on an Expanded Interconnection circuit and does not require a security dispatch, it should call its normal reporting bureau (e.g. Special Services Center, Customer Services Bureau, or Special Services Reporting Bureau) to report trouble and provide all circuit ID information and a detailed explanation as to the nature of the trouble.

5.A.2 If the interconnector detects trouble on an Expanded Interconnection circuit and requires a security dispatch, it should call its normal reporting bureau to report trouble on all circuits affected and a detailed explanation as to the nature of trouble. The interconnector must also request a security dispatch to the designated central office.

SECTION 5.B

CENTRAL OFFICE REPAIR

5.B CENTRAL OFFICE REPAIR

5.B.1 PHYSICAL COLLOCATION

CENTRAL OFFICE MAINTENANCE

5.B.1.1 SWBT's maintenance responsibilities will end at the network interface (see Exhibit 3.A.3.5-1). The interconnector will be responsible for the following:

- all cross-connections on the POT frame
- all maintenance of the POT frame, if provided by the interconnector
- replacement of blown fuses on the POT frame
- maintenance of its own equipment
- surveillance of all equipment and fuse alarms within the partitioned area.

5.B.1.2 All DS1 and DS3 services will be installed and maintained in accordance with SWBT TP76625.

COLLOCATION AREA ACCESS

5.B.1.3 Where it is not possible to provide the interconnector with secure access to the collocation area, a SWBT security escort will be required.

5.B.1.4 When an interconnector requires access to a non-secure central office, its normal reporting bureau should be notified. The reporting bureau will contact the Switching Control Center (SCC) responsible for the particular central office, and the SCC will in turn contact the interconnector to arrange for a meet point and time. The interconnector will provide the SCC with a telephone number which is accessible 24 hours a day to be used as a contact point should the need arise.

5.B.1.5 The SWBT security escort will remain with the interconnector for the duration of the office visit.

5.B.1.6 Other access to the interconnector's partitioned space by SWBT will only be allowed with the permission of the interconnector. SWBT may access the partitioned space without notice for the purpose of averting any threat of harm inadvertently imposed upon the operation of SWBT's equipment, facilities and/or personnel by the interconnector or its equipment and facilities.

5.B.2 VIRTUAL COLLOCATION

5.B.2.1 Information regarding virtual collocation is under development and will be included at a later date.

SECTION 5.C
SECURITY ESCORTS

5.C SECURITY ESCORTS

INSTALLATION

5.C.1 If the interconnector requires access to a designated security escort central office, the interconnector should call its normal reporting bureau (e.g. Special Services Center, Customer Services Bureau, or Special Services Reporting Bureau) and request a security dispatch. The interconnector **MUST** provide the unique assigned CLLI code when calling for a security dispatch. The interconnector will be advised that they will be contacted by the Switching Control Center (SCC) to establish a meet point and time. The interconnector will provide the SCC with a telephone number which is accessible 24 hours a day to be used as a contact point should the need arise.

5.C.2 The SWBT security escort will remain with the interconnector for the duration of the office visit.

MAINTENANCE

5.C.3 If the interconnector detects trouble on an Expanded Interconnection circuit and requires a security escort dispatch, it should call its normal reporting bureau to report trouble on all circuits affected. The interconnector should provide a detailed explanation as to the nature of the trouble. It is imperative that the interconnector also request a security dispatch to the designated central office.

SECTION 6

REAL ESTATE / ARCHITECTURE

- A. BUILDING ALTERATIONS FOR
PARTITIONED SPACES**
- B. CAGE CONSTRUCTION**
- C. ENVIRONMENTAL CONDITIONS**
- D. SECURITY / BUILDING ACCESS**

SECTION 6.A
BUILDING ALTERATIONS FOR
PARTITIONED SPACES

6.A BUILDING ALTERATIONS FOR PARTITIONED SPACES

6.A.1 GENERAL

6.A.1.1 The following information applies to physical collocation only. Virtual collocation will require minimal building alteration (tenant accommodation) work, if any.

6.A.1.2 Any work requested by the interconnector which is not specifically covered by the Expanded Interconnection tariff, FCC No. 73, Section 25, and is arranged for or performed by SWBT on behalf of the interconnector will be considered an "extraordinary cost". Extraordinary costs will be tracked on an individual case basis (ICB) as stated in the tariff and billed to the interconnector.

6.A.2 BUILDING ALTERATIONS FOR PARTITIONED SPACES

6.A.2.1 All building modifications, additions and rearrangements must comply with state and local building codes and standard SWBT building practices, including seismic and ADA requirements as they would normally apply.

6.A.2.2 SWBT is not required to relinquish forecasted space or facilities, or to undertake the construction of building additions or new facilities to satisfy an interconnector's request. However, SWBT will consider interconnector demand for central office space when additions or new buildings are required for its own company needs. Information regarding forecasting methods is under development and will be included at a later date.

6.A.2.3 SWBT will complete building-related alterations and modifications at each central office following an initial interconnector request for space. This request will be handled in accordance with procedures outlined in Section 4.A. SWBT personnel responsible for the particular building will be advised of the request and asked to develop a time interval necessary to complete the specific building work required to accommodate the interconnector. The interconnector will be advised of this schedule by SWBT when the application is processed.

6.A.2.4 The time interval for subsequent interconnector requests compared to the first request will generally be shorter. This is due to the completion of general building alterations required for collocation being finished with the first interconnector request.

6.A.2.5 Wherever possible, the interconnector's partitioned space will be located such that it can be separated from the rest of the building to allow for direct access from the exterior, or via controlled access through secured corridors to the partitioned space. This will eliminate the need for a security escort to the interconnector's equipment. The collocation area is that area where one or all of the interconnectors' partitioned spaces are located. In most cases, the collocation area will include a common area accessible by all the interconnectors.

6.A.2.6 If the interconnector's partitioned space is provided in non-equipment type areas, i.e. administrative space, the partitioned space will be compartmentalized or separated from the surrounding area by fire-rated construction. This would most likely be drywall construction using fire-rated materials to achieve a full one-hour rated enclosure.

6.A.2.7 If the interconnector's space is situated in vacant equipment areas, the partitioned space would not require fire-rated separation from the surrounding area. Consequently, any one of the cage construction materials identified in Section 6.B could be utilized. Individual local circumstances may warrant a more secure separation than that provided by welded wire mesh. There may be specific situations where drywall construction will be required to meet local conditions.

6.A.2.8 Each building will have a continuous conduit path from the cable entrance facility (CEF) up to and/or through floors and walls to the partitioned space. The conduit will provide a secure and noncombustible path such that no additional racking or support elements are necessary for the interconnector's cable to be brought into each partitioned space. If the conduit is mounted to the underside of the roof deck or ceiling, the conduit will be extended down to approximately eight feet (8') above the floor. Conduit bends will have a minimum radius of three feet (3') and pull boxes or "slip sleeves" will be provided after every fourth bend. The intent is to provide a protected path for the interconnector's cable from the CEF all the way to the interconnector's partitioned space. This includes necessary firestopping at walls and floors. The conduit will be four inch (4") diameter metallic material. The conduit will have a "pull wire" to facilitate installation of the cables and to verify overall conduit length. If additional conduit runs are required beyond what is described above or required by the tariff, SWBT will be compensated for same on an ICB.

6.A.2.9 Many of SWBT's buildings will permit direct access by the interconnector to their respective partitioned space without a security escort. These buildings will have a magnetic card reader security system installed at the entry door to the interconnector's partitioned space. The security system installed will be compatible with existing systems currently in place and operational at each building. Fire safety and local building code exiting requirements will also be followed as required.

6.A.2.10 Some SWBT buildings will require a security escort for the interconnector to access its equipment. This situation cannot be avoided in buildings where the only space available for collocation is located at a remote area from the ground floor or where direct access cannot be achieved. In these cases, the interconnector must arrange for a security escort as described in Section 5.C. The interconnector will be advised of this condition when a request is filed.

6.A.2.11 SWBT will provide access cards/keys to the interconnector for exterior entrance door and partitioned space entry when the partitioned space is ready for occupancy.